

IMPROVED PENILE PUMP WITH SIDE RELEASE MECHANISM

ABSTRACT

A pump and valve assembly for an implantable prosthesis is provided with an internal actuating bar positioned such that when any portion of the housing is compressed, the check valves within are opened allowing for deflation of the cylinders. The pump and valve assembly also includes a textured surface over a portion of the housing to allow for quick identification of the component, as well as to make it easier for the patient to grasp it. The valve assembly further comprising an actuating bar which has ribs to enhance the spring force applied to a flow valve, a support structure to support and appropriately position the actuating bar, and a check valve made of metal with a segment covered with a plastic material.